"20" code: 017-14-000034

14-1 final Bill

EE/RRUD/WO-NO/192/2013-14

M. A. R. 57 (Rule 116) **No. B**

Measurement Book

365928

Name of Work: Construction of RCC Drain @ 12th cross of methalonayan in wardno-17 From: To:

Name of Contractor of nature of Agency: G.vasu.

Date of commencement of work: Premeasurement recorded on Dt:

Reference to last Measurement 8	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	For foundation in hard soil						
		1 x 1	30.00	1.60	0.90	29.70 m³	
		1 x 1	26.20	1.60	0.90	25.94 m	
		1 x 1	28.00	1.60	0.90	27.72 m	
		1 x 1	30.00	1.60	0.90	29.70 m	
		1 x 2	30.00	1.60	0.90	59.40 m	
		1 x 2	30.00	1.60	0.90	89.10 m	
		1 x 3	30.00	1.60	0.90	5.14 m	
		1 x 1	5.20	1.60	0.90	30.29 m	
		1 x 1	30.60	1.60	0.90	296.99 m³	

MEASUREMENT BOOK

P.M. recorded on D/:

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(2).	Providing and laying ~~foo~~ bed:	P.C.C	of mix	M-7.5 C		PCC 1:4:8).	
		1×1	30.00	1.60	0.15	4.95 m³	
		1×1	26.20	1.60	0.15	4.32 m	
		1×1	28.00	1.60	0.15	4.62 m	
		1×1	30.00	1.60	0.15	4.95 m	
		1×2	30.00	1.60	0.15	9.90 m	
		1×3	30.00	1.00	0.15	14.85 m	
		1×1	5.20	1.00	0.15	0.86 m	
		1×1	30.60	1.00	0.15	5.05 m	
						49.50 m³	
		1×2	30.0	1.0	0.10	6.0 m	
						55.50 m³	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

365929

No .....
of Work ..... From..... To.....
of Contractor of nature of Agency .....
of commencement of work ..... P.m. recorded on Dt: .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
providing and laying RCC cover of m 20. C for Rd.	RCC 1:1½:3					
	121	30.00	0.90	0.15	4.05 m³	
	1a1	26.20	0.90	0.15	3.54 m	
	1a1	28.00	0.90	0.15	4.05 m	
	122	30.00	0.90	0.15	8.10 m	
	123	30.00	0.90	0.15	12.15 m	
	1a1	5.20	0.90	0.15	0.70 m	
	1a1	30.60	0.90	0.15	4.13 m	
					40.50 m³	→ (A)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for Sidewalls :-	1 2 2	30.00	0.15	0.60	5.40 m³	
		1 2 2	26.20	0.15	0.60	4.72 m³	
		1 2 2	28.00	0.15	0.60	5.04 m³	
		1 2 2	30.00	0.15	0.60	5.40 m³	
		2 x 2	30.00	0.15	0.60	10.80 m³	
		2 x 3	30.00	0.15	0.60	16.20 m³	
		1 2 2	5.20	0.15	0.60	0.94 m³	
		1 2 2	30.6	0.15	0.60	5.51 m³	
						54.01 m³ → (B)	
		1 x 3	30.00	1.00	0.10	9.00 m³ → (C)	
						103.51 m³	

Grand Total (A+B+C) =

M. A. R. 57 (Rule 116)
Measurement Book

No. B

365930

No. of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work ..... P.M. recorded on DH:.....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Cutting and fabricating	T M S steel.					
	3000 nos x 1.80 mt			=	5400.00 mt	
				@ 0.89 kg/mt		
				=	4806.00 kgs	
	900 nos x 3.00 mt			=	2700.00 mt	
				@ 0.621 kg/mt		
				=	1674.00 kgs	
				Total:	6480.00 kgs	
				Say =	64.80 QH	

P.M. recorded on Dt:

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	providing and removing centering						
		1 x 4	30.00	–	0.60	72.00 m²	
		1 x 4	26.00	–	0.60	62.40 m	
		1 x 4	28.00	–	0.60	67.20 m	
		1 x 4	30.00	–	0.60	72.00	
		2 x 4	30.00	–	0.60	144.00	
		3 x 4	30.00	–	0.60	216.00	
		1 x 4	5.20	–	0.60	12.48 m	
		1 x 4	30.60	–	0.60	73.44 m	
					Total:	719.52 m²	

'20'

Code: 017-14-000034

M. A. R. 57 (Rule 116)
Measurement Book

EE/RRND/No-NO/192/13-14.

No. B 365931

For Construction of RCC Drain at 12th cross of methylanayar
of Work in ward no-17 From To
of Contractor of nature of Agency G.rasu.
of commencement of work

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Earth work excavation for foundation of building water supply sanitary lines and electrical conduits either in pits or in trenches 1.500mt and above in width not exceeding 1.500mt in depth including dressing the bottom and sides of pits and trenches filling the excavated soil either from edges of excavation lead upto 500mt after breaking of clods complete as per						
side page no- 365928 of Item no (1).				cft²	296.99m³	
	1	10.00	2.10	0.60 =	25.20 m³	
	1	17.00	2.15	0.60 =	25.29 m³	
				Total	347.47 m³	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 365932

To .....

of Work ..... From..... To.....

of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
providing and laying in position Plain cement concrete of mix 1:5:10 with ordinary Portland Cement @ 180 kg with 40 mm and down size graded stone metal coarse aggregate @ 0.85 m³ and fine aggregate @ 0.57 m³ per cum of mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation and plinth including cost of all materials, labour, machinery etc complete						
As per mode item no (2) vide page no: 365928/1				dly²	55.50 m³	
Less dly provided for wall dly				=	54.45 m³	@ 2,33,636=78.

@ Rs 4290/85

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
④	providing and laying in position RCC of design mix M20 with OPC cement @ 320 kg/m³ with 20 mm and down size graded granite metal coarse aggregate @ 0.878 m³ and fine aggregate @ 0.459 m³ with Superplasticiser @ 3lt conforming to IS 383 – 1999 reaffirmed -2008 machine mixed concrete laid in layers not exceeding 15cm - thick vibrated for all works in foundation plinth and Grand floor level for roof slabs staircase lintel beams walls including attached pilasters columns pier abutments pillars ports struts parapets coping sedbloks under blocks placed under cills sunshades etc including all material, labour etc complete as per drg no: 36592 clg recorded in this MB vide item no ③ vide page no: 5639/15					= 103.57 m³	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 365933

... From ... To ...

... Contractor of nature of Agency ...

... commencement of work ...

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
...ding TMT Steel for RCC work including straightening cutting bending lacing placing in position lapping and or welding where required duping with binding wire and anchoring to the adjoining ...er reinforcement complete as per design (CAPS Works and ... shall not be measured and paid) cost of materials labour ... of machinery complete as per specification ... detailed in the MB under Item No (4) vide page no: 363930					Qty: 64.800 MT	
			@ 73801-			Rs 4,78,278=60.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(6). providing and erecting Centering shuttering & shuttering propping etc. and removal of formwork for vertical surface such as walls at any thickness including attached pilasters buttresses plinth and string courses cost of all materials & labour complete as per specifications duly recorded in this or B. book item no (8) vide page no 365/30/1. duly 719.52 m² on 27/1/08						
	(7). providing W.C.M. black granite slabs of selected quality roughly dressed and fixed in C.M. 1:6 including fixing cleaning etc complete						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

365934

Title .....
of Work ..... From..... To.....
of Contractor of nature of Agency .....
Commencement of work .....

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
	1 x 1	30.00	0.90	–	27.00 m²	
	1 x 1	26.00	0.90	–	23.40 m²	
	1 x 1	28.00	0.90	–	25.20 m²	
	1 x 1	30.00	0.90	–	27.00	
	1 x 2	30.00	0.90	–	54.00 m²	
	1 x 3	30.00	0.90	–	81.00 m²	
	1 x 1	5.20	0.90	–	4.68 m²	
	1 x 1	30.60	0.90	–	27.54 m²	
	1 x 1	6.20	1.50	–	27.90 m²	
					297.72 m²	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	alij limited to saulied alij					297.00 m²	Rs 1,72,230=50
				@ Rs 579/90			
(8)	providing one line doormaj to granite stone masonry as per specification alij same item no (7) of this on B side payment					: 365934/1	
						aty = 297.00 m²	
				@ Rs 438/40			Rs 130
(9)	providing chamfering edges to stone slab as per specification:	500 mm to 3.00	3.00	—	—	2.50 cms wide 1500.00 mts 120.00	
						1620 Rft	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

365935

Name of Work .....

Name of Contractor or nature of Agency ..... From..... To.....

Date of commencement of work .....

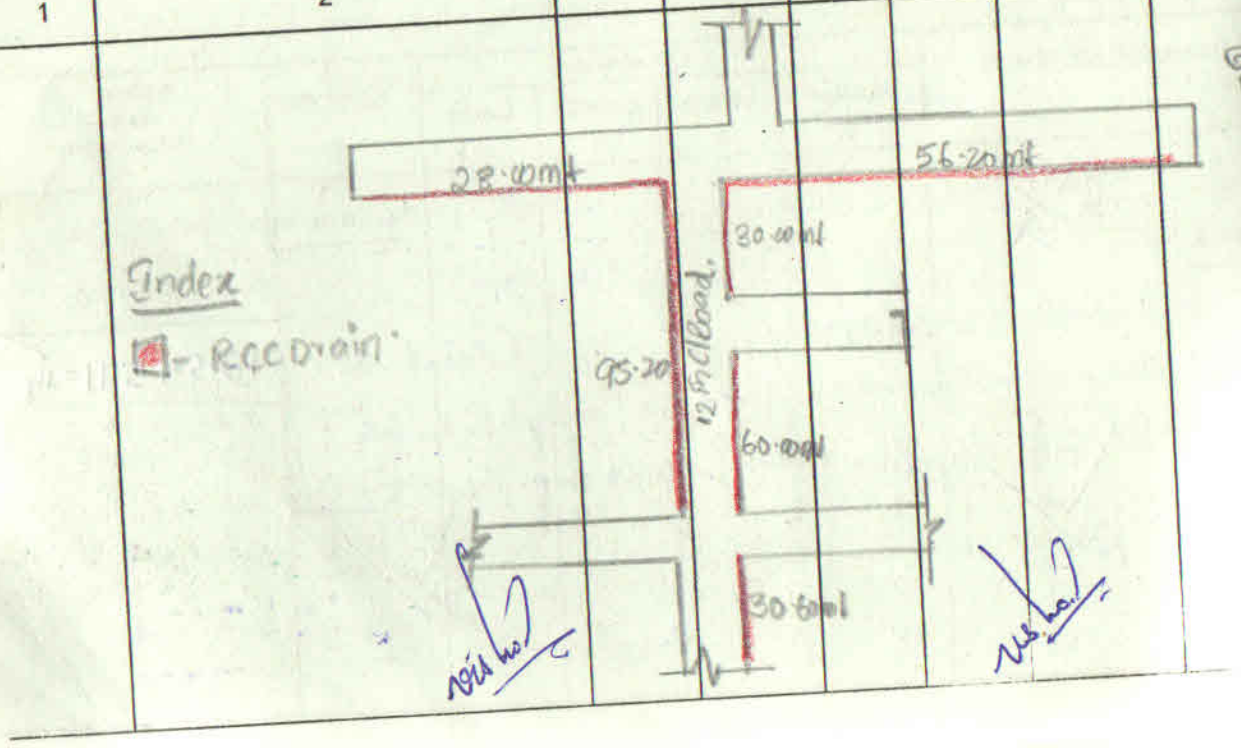
Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
				alij :	1620.00 sft	Rs 45,360 =00.
				Rs 28/2	Crated Rs	19,54,571/=14

Issued men/materials for the work

Cleared the all stones from the work spot

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



BR-NO-459

30.08.14.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

365936

... From ... To ...

of Contractor of nature of Agency ...

of commencement of work ...

Contents 7	Reference to last Measurement 8
	N

Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
B.W.S.R.P.S:- 19,54,571=00						
I.T = 20,718=00						
[illegible] = 98,182=00						
[illegible] = 1,17,271=00						
[illegible] = 19,546=00						
[illegible] = [illegible]						
[illegible] = [illegible]						
[illegible] = [illegible]						

Audited and admitted for Rs. 19,54,571=00

Passed by Cheque for Rs. 16,90,270=00

(Sixteen lakh, ninety thousand two hundred seventy only.)

by adjustment 2,64,301=00

for K. Govindaraju

Accounts Superintendent

Exe. Engineer

Rajeshwari Nagar Division, BBMP